

SECRET
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SECRET

5'	9	18	27	36	45	54
CAA AAG GAC AAG ATA ATA AAG TAC AAA ATG ATG GTT CGT TAC ATC ATC AGA AGG ATA CAG						
TTC ATG ACA ATG ACT TTG AGC CCT ACC TTA CTG GAC GAC CAA ATC AGA GTA ACA	63	72	81	90	99	108
GTT ACC CCT CAA TGA GCG ACC CCT ACC TGT CCA GCT ATT ACC CGT CCA TTG	117	126	135	144	153	162
GAT TTC CTT ACT CCC TCA ATG AGG CTC CGT GGT CTA CTG CAG GGG ACC CTC CGA	171	180	189	198	207	216
TTC CAT ACC TCA CCT CCA CCT ACG GAC AGC TCA TCA ACG GTA ACG ACC ATC ATC ATT TTA TGC	225	234	243	252	261	270
ACG ATG CTG TTT TTG GGC AGC CTG GGC GGC TGG GGA ACA ACA TCT ATC AGC ACA	279	288	297	306	315	324
GGT TCA ATT TTT TCC CTG AAA ACC CTG CGT TCT TCT CAG CAT GGG GGA CAA GTG GGT	333	342	351	360	369	378
CTC AAG GTC AGC AGA CCC GCT GCT CAG CCT CTC CCA GCA CAG CCC CCA GCT TTG	387	396	405	414	423	432

FIGURE 1A

APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

103090" EEA/2860

441	GCT CAA CCG	450	CAG TAT CAG	459	CAG CCT CAG	468	CCA CCC CAG	477	ACC CGC CGC	486	GTT GCC A
	A Q P Q		Y Q Q		P Q Q		P P Q		T R W		V
495	CCA CGC AAC	504	AGA AAC GCG	513	GGG TTT GCG	522	GGA GGC GGC	531	GCT GGC GGC	540	GAT AGC S
	P R N R		N A A		F G G		G S G		A G S		D
549	AAC TCT CCT	558	GGA AAC GTC	567	AAT CCT CAG	576	GCC TCT GCC	585	GTC GAA TCC	594	CAC CCC P
	N S P P		G N V		P N Q		A S A		E V S		H
603	GTC CTT GAA	612	AAA CTG AAG	621	CAC GCT GCT	630	AAC TAC AAC	639	AAA GAG TTT	648	GAG TGG W
	V L E K		L K A		H A A		N Y S		E K P		F
657	AAT CTG AAA	666	AGC GGG CGT	675	ATC TTC GTG	684	AGC AAG AGC	693	GAG TCT GAG	702	GAC ATC I
	N L K S		G R G		I F V		K S I		E S D		D
711	CAC CGC TCC	720	AAG ATT AAG	729	ATC TCC ATC	738	ACA TGT AGC	747	GGC CAC GGC	756	AAG CGC R
	H R S I		K Y K		S I S		T C C		G H G		N
765	CTG GAC AGC	774	GCC TTC CGC	783	ATG AGC AGC	792	GAG GGG GGC	801	TAC GTC TAC	810	CTC TTC F
	L D S A		F R C		M S S		G K G		Y V P		L
819	AGC GTC AAT	828	GGG AGT GGG	837	TTT CAT TTT	846	GCC GTG GCC	855	AAG ATG AAG	864	CCC GTG V
	S V N G		S S G		F H C		A V G		K M E		S

FIGURE 1B

APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

FOB90" EEB/2860

873	882	891	900	909	918
GAC TAC GGC ACC AGT GCC GGG GTC TGG TCT CAG GAC AAG TGG AAG GGG AAG TTT	D Y G T S A G V W S Q D K K W K G K F				
927	936	945	954	963	972
GAT GTC CAG TGG ATT TTT GTT AAG GAT GTA CCC AAT AAC CAG CTC CGG CAC ATC	D V Q W I F V K D D V P N N Q L R H I				
981	990	999	1008	1017	1026
AGG CTG GAG AAT AAC GAC AAC AAA CCG GTC ACA AAC TCC CGG GAC ACC CAG GAG	R L E N N D N K P V T N S R D T Q E				
1035	1044	1053	1062	1071	1080
GTG CCC TTA GAA AAA GCC AAG CAA GTG CTG AAA ATT ATC AGT TCC TAC AAG CAC	V P L E K A K Q V L K I I S S Y K H				
1089	1098	1107	1116	1125	1134
ACA ACC TCC ATC TTC GAC GAC TTT GCT CAC TAC GAG AAG CGC CAG AGG AGG AGG	T T S I F D D F A H Y E K R Q R R R				
1143	1152	1161	1170	1179	1188
AGG TGG TGC GCA AGG AAC GGC AGA GTC GAA ACA AAC AAT GAG GGC GAA CCA GTT	R W C A R N G R V E T N N E G E P V				
1197	1206	1215	1224	1233	1242
TCT TAC ATG TTC TAA CGT TTG ACT TTG AAA ACA GTT TAA AAC ACG TGT GCT TGG	S Y M F * R L T L K T V *				
1251	1260	1269	1278	1287	1296
TCA GCT CCA GTG TGT CGT CCC GTG CGG GGG TTG AGT GTT GCA TCT TTG CCT TTC					

FIGURE 1C

APPROVED	O.G. FIG.
BY	CLASS/SUBCLASS
DRAFTSMAN	

FOB090"EE972860

1305	1314	1323	1332	1341	1350
TTG TCG TTG ATT TTT GCC CAG ATG GAT CTG CAT TTA TTT GTA CTT TTT CTA TGT					
1359	1368	1377	1386	1395	1404
ATT ATA ATC CTG TAG AAG TCA CTA ATA AAG GAG TAT TTT TTT TCA GCT TAT					
1413	1422	1431	1440	1449	1458
CAA TCA GAC TGA TCT AAT GTG AAA TGT AAG TAT CCT TAA AAA CAA AGC ATC TAT					
1467	1476	1485	1494	1503	1512
TTT GGC AGA AAT TGT GTT CTT AAA TTC AGT CAT TTG ATA TTC TGT GAG ACT TCA					
1521	1530	1539	1548	1557	1566
TAT TTC TCA TCC CTT TAT TGC TTT TTA GCA AAC ATA AGA AAC CAT GAG TCA TTT					
1575	1584	1593	1602	1611	1620
TGT CAT TTA GAG TAT TCT TAT GAT AAA ATC TCT TGA AAA TAC TGA AAT CAA AAG GTT					
1629	1638	1647	1656	1665	1674
AAT GAT TTT TTG TTC ATT CTG ATT TGT CAT TTT ATT ATC TGT TAT CGG TCT AAA					
1683	1692	1701	1710	1719	1728
GTG CTA ATT TAC CCA TTT GAT TTT TCT TCT GCT AGA CAG ATA ACT TTT AAT TTT TCA					
1737	1746	1755	1764	1773	1782
AAT TTG GCA GAC ACT TTT TTT TTT TTG AAA ATC TTT CCT TCC AGA TCT GTT					
1791	1800	1809	1818	1827	1836
GCC CAC TGA ACA GCC ACC CGT CCC TCA CTG TCC TGG TGT CCG ATT GGG CTG GAT					

FIGURE 1D

APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

FORB090"EE942860

1845	1854	1863	1872	1881	1890
GGT GTT GGG GCA TGA TGT GTG GAG GAA CTG GAA GGT GCT TTA GGT CTG GTT CAG					
1899	1908	1917	1926	1935	1944
GGT CGG GCA TTC TTT GTT GTT TGC ACA TCT TTT TAA ATT TTA CAC CTT TTC TTA					
1953	1962	1971	1980	1989	1998
AGA ATT CTA ATG CCG TCT TAA GTT TTT ATA CCA ATA ATG CTG AGC TTT AAG TGT					
2007	2016	2025			
AGG ATC TGG TAG TAC AGA CAG TGT GAT GGA 3'					

FIGURE 1E

APPROVED	O.G. FIG.
BY	CLASS
DRAFTSMAN	SUBCLASS

FOR 90" E E 92/2860

		10	20	30	40	
1	M	- - - - -	R L R G	- - - - -	F H T S	1573677
1	M	S A T S V D T Q R T K G	Q D N K V Q N G S L H Q K D T V H D N D F E P Y L T G	- - - - -	- - - - -	g12711367
1	M	S A S S L L E Q R P K G	Q G N K V Q N G S V H Q K D G L N D D D F E P Y L S P	- - - - -	- - - - -	g6449083
1	M	S A S S L L E Q R P K G	Q G N K V Q N G S V H Q K D G L N D D D F E P Y L S P	- - - - -	- - - - -	g5360085
		50	60	70	80	
17	P	P T D S S V	- - - - -	- - - - -	- - - - -	1573677
41	Q	S N Q S	N S Y P S M S D P Y L S S Y Y P P S I G F P Y S L N E A P W S T A G D	- - - - -	- - - - -	g12711367
41	Q	A R P N N A Y T A M S D S Y L P S Y Y S P S I G F S Y S L G E A A W S T G G D	- - - - -	- - - - -	- - - - -	g6449083
41	Q	A R P N N A Y T A M S D S Y L P S Y Y S P S I G F S Y S L G E A A W S T G G D	- - - - -	- - - - -	- - - - -	g5360085
		90	100	110	120	
24	-	- - - - -	T E T I I L C T M L F	- - - - -	L G S	1573677
81	P	I P Y L T T Y G Q L S N G D H H F M H D A V F	G Q P G G L G N N I Y - - Q H	- - - - -	- - - - -	g12711367
81	T	A M P Y L T S Y G Q L S N G E P H F L P D A M F	G Q P G A L G S T P F L G Q H	- - - - -	- - - - -	g6449083
81	T	A M P Y L T S Y G Q L S N G E P H F L P D A M F	G Q P G A L G S T P F L G Q H	- - - - -	- - - - -	g5360085
		130	140	150	160	
38	-	- - - - -	L G A W G T T S	- - - - -	- - - - -	1573677
119	R	F N F F P E N P A F S A W G T S G S Q G Q Q T Q S S A Y G S S Y T Y P P S S L	- - - - -	- - - - -	- - - - -	g12711367
121	G	F N F F P S G I D F S A W G N N S S Q G Q S T Q S S G Y S S N Y A Y A P S S L	- - - - -	- - - - -	- - - - -	g6449083
121	G	F N F F P S G I D F S A W G N N S S Q G Q S T Q S S G Y S S N Y A Y A P S S L	- - - - -	- - - - -	- - - - -	g5360085
		170	180	190	200	
46	-	- - - - -	I S T G S I F S L K T L R S Q H G	- - - - -	G Q V G L K V S	1573677
159	G	G T V V D G Q P G F H S D T L S K A P G M N S L E Q G M V G L K I G - - D V S	- - - - -	- - - - -	- - - - -	g12711367
161	G	G A M I D G Q S A F A N E T L N K A P G M N T I D Q G M A L K L G S T E V A	- - - - -	- - - - -	- - - - -	g6449083
161	G	G A M I D G Q S A F A N E T L N K A P G M N T I D Q G M A L K L G S T E V A	- - - - -	- - - - -	- - - - -	g5360085

FIGURE 2 A

APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

0 5 7 5 3 0 0 0 1

		210	220	230	240	
71	- - - - -	- - - - -	- - - - -	- - - - -	- - - - -	1573677
197	S S A V K T V G S V V S S V A L T G - V L S G N G G T N V N M P V S K P T S W A					g12711367
201	S N V P K V V G S A V G S G S I T S N I V A S N S L P P A T I A P P K P A S W A					g6449083
201	S N V P K V V G S A V G S G S I T S N I V A S N S L P P A T I A P P K P A S W A					g5360085
		250	260	270	280	
71	- - - - -	- - - - -	- - - - -	- - - - -	- - - - -	1573677
236	A I A S K P A K P Q P K M K T K S G P V M G G G L P P P P I K H N M D I G T W D					g12711367
241	D I A S K P A K Q Q P K L K T K N G - I A G S S L P P P P I K H N M D I G T W D					g6449083
241	D I A S K P A K Q Q P K L K T K N G - I A G S S L P P P P I K H N M D I G T W D					g5360085
		290	300	310	320	
74	- - - - -	- - - - -	- - - - -	- - - - -	- - - - -	1573677
276	N K G P V P K A P - - - V P Q Q A P S P Q A A P Q P - - - - -					g12711367
280	N K G P V A K A P S Q A L V Q N I G Q P T Q G S P Q P V G Q Q A N N S P P V A Q					g6449083
280	N K G P V A K A P S Q A L V Q N I G Q P T Q G S P Q P V G Q Q A N N S P P V A Q					g5360085
		330	340	350	360	
74	- - - - -	- - - - -	- - - - -	- - - - -	- - - - -	1573677
299	- - - - -	- - - - -	- - - - -	- - - - -	- - - - -	g12711367
320	A S V G Q Q T Q P L P P P P Q P A Q L S V Q - Q Q A A Q P T R W V A P R N R N					g6449083
320	A S V G Q Q T Q P L P P P P Q P A Q L S V Q - Q Q A A Q P T R W V A P R N R N					g5360085
		370	380	390	400	
108	A A F G Q S G G A G S D S N S P G N V Q P N S A P S V E S H P V L E K L K A A H					1573677
336	A A F G Q S G G A G S D S N S P G N V Q P N S A P S V E S H P V L E K L K A A H					g12711367
359	S G F G H N G V D G - N G V G Q S Q A G S G S T P S - E P H P V L E K L R S I N					g6449083
359	S G F G H N G V D G - N G V G Q S Q A G S G S T P S - E P H P V L E K L R S I N					g5360085

FIGURE 2B

APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

108090-EE9/860

	410	420	430	440	
148	S	I	I	I	1573677
376	S	I	I	I	g12711367
397	N	H	I	I	g6449083
397	N	H	I	I	g5360085
	450	460	470	480	
188	H	V	V	F	1573677
416	H	V	V	F	g12711367
437	H	V	V	F	g6449083
437	H	V	V	F	g5360085
	490	500	510	520	
228	V	V	V	V	1573677
456	V	V	V	V	g12711367
477	V	V	V	V	g6449083
477	V	V	V	V	g5360085
	530	540	550	560	
268	N	V	V	V	1573677
496	N	V	V	V	g12711367
517	N	V	V	V	g6449083
517	N	V	V	V	g5360085
	570	580	590		
308	F	V	V	V	1573677
536	F	V	V	V	g12711367
557	F	V	V	V	g6449083
557	F	V	V	V	g5360085

FIGURE 2C